

EXHIBIT 1

David W. Hand, Ph.D.

Page 1

IN THE UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF NEW YORK

- - - - - +
In Re: Methyl Tertiary MDL No. 1358
Butyl Ether ("MTBE") | (SAS)
Products Liability Litigation |
- - - - - -
CITY OF NEW YORK, |
Plaintiff, |
vs. Case No. |
04 Civ. 3417
AMERADA HESS CORPORATION, et al., |
Defendants. |
- - - - - +

Videotaped Deposition of DAVID W. HAND, Ph.D.
Washington, D.C.
Thursday, April 23, 2009
9:00 a.m.

Reported by: Michele E. Eddy, RPR, CRR, CLR

David W. Hand, Ph.D.

Page 9

1 (Exhibits 1 through 4 marked for
2 identification and attached to the deposition
3 transcript.)

4 THE VIDEOGRAPHER: We are now on the record.
5 My name is Scott Pickering. I'm the videographer for
6 Golkow Technologies, Inc, 1 Liberty Place, 1650 Market
7 Street, 1st floor, Philadelphia, Pennsylvania. Today's
8 date is April 23rd, 2009. The time is now 9:05 a.m.

9 This video deposition is being held at 600
10 13th Street, Northwest, Washington, D.C. in the matter
11 of the City of New York versus Amerada Hess
12 Corporation, et al., to be heard in the United States
13 District Court for the Southeastern District of
14 New York.

15 The deponent is David W. Hand, Ph.D., Master
16 File number 1:00-1898.

17 Will counsel and those present please
18 identify themselves for the record.

19 MR. MCGILL: Brian McGill from McDermott
20 Will & Emery representing Exxon Mobil.

21 MR. SHER: Anybody on the phone?
22 Vic Sher for plaintiff.

23 THE VIDEOGRAPHER: The court reporter today
24 is Michele Eddy on behalf of Golkow Technologies, Inc.

David W. Hand, Ph.D.

Page 115

1 carbon per thousand gallons before changeout has to
2 occur. Is that right?

3 A It is what the GAC usage rate is.

4 Q Is that what the GAC usage rate is pounds --

5 A Yes, it's the amount of carbon used for
6 every thousand gallons of water treated, yes.

7 Q It is.

8 A Yes.

9 Q That's what I was trying to say.

10 A Yes.

11 Q Your projections for parallel operation of
12 GAC range from .172 to .297 pounds of carbon per
13 thousand gallons of water treated?

14 A That is correct.

15 Q And their projections for series operation
16 are .57 to .61 pounds of carbon per thousand gallons
17 of water treated --

18 A That's correct.

19 Q -- according to this table?

20 A That's what's there.

21 Q And then the parallel operation that they
22 assessed is, they put here in the table, is 0.98 to
23 1.05 pounds of carbon per thousand gallons of water
24 treated, correct. Correct? It was a question, not a